

## CLAIMS

1. A drum washing machine comprising a water tub (10), a rotating tub (14) provided in the water tub (10) to be rotated about a transverse axis, elastic supporting means (11) for elastically supporting the water tub (10), and an auxiliary baffle (23) provided on an inner peripheral wall of the rotating tub (14) so as to be close to one of both axial end plates of the rotating tub (14) and spaced away from the other end plate of the rotating tub (14), the auxiliary baffle (23) extending in a direction of axis of the rotating tub (14), characterized in that the auxiliary baffle (23) moves laundry in the rotating tub (14) near a center of gravity of a member of vibration system applying load to the elastic supporting means (11).

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2. The drum washing machine according to claim 1, characterized in that the auxiliary baffle (23) has an inclined face (23b) inclined at the inner peripheral wall side from one end plate side of the rotating tub (14) to the other end plate side.

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3. The drum washing machine according to claim 1, characterized in that the rotating tub (14) has a rotational shaft comprising an inclined shaft having both ends one of which is located higher than the other, and the auxiliary baffle is provided on the inner peripheral wall of the rotating tub so as to be close to said one end plate located higher than the other.

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4. The drum washing machine according to claim 1, characterized in that the baffle (23) includes a first baffle close to one of the end plates of the rotating tub (14) and a second baffle close to the other end plate of the rotating tub (14), and the first and second baffles are opposed to each other in the direction of axis of the rotating tub (14).

5. The drum washing machine according to claim 4, characterized in that the center of gravity of the vibration system member is located nearer to the one end plate side than an axial center of the rotating tub (14), and the second baffle is larger than the first baffle.

6. The drum washing machine according to claim 1, further comprising a plurality of main baffles (20, 21, 22) provided on an axial center of the inner peripheral wall of the rotating tub (14) so as to extend in a direction of axis of the rotating tub (14), characterized in that a peripheral position of the auxiliary baffle (23) with respect to the rotating tub (14) differs from peripheral positions of the main baffles (20, 21, 22) with respect to the rotating tub (14).

7. The drum washing machine according to claim 6, characterized in that the auxiliary baffle (23) and the main baffles (20, 21, 22) are disposed so as to be spaced peripherally away from each other with respect to the rotating tub (14).

8. The drum washing machine according to claim 1,

characterized in that the auxiliary baffle (23) extends so as to be tapered from one of the end plates of the rotating tub (14) toward the other end plate of the rotating tub (14).

5           9. The drum washing machine according to claim 1, characterized in that the auxiliary baffle (23) has a radial dimension set at 30 mm or above with respect to the rotating tub (14).

10           10. The drum washing machine according to claim 1, characterized in that the auxiliary baffle (23) is disposed in a region of the inner peripheral wall of the rotating tub (14) extending from one of the end plates to a center of gravity of the member of vibration system, and the auxiliary baffle (23)  
15 has an axial dimension set to be not less than one eighth of an axial dimension of the rotating tub (14).